

# Index to Volume 4

## Author Index

- Adams SH, 146  
 Andersen RE, 57  
 Bangdiwala SI, 243  
 Beirich H, 234  
 Berenson GS, 316  
 Boyce WT, 146  
 Brilla LR, 230  
 Buckley T, 77  
 Clark MM, 325  
 Clarkson PM, 40  
 Coplan NL, 349  
 Cordain L, 33  
 Coroso JG, 48  
 Damitz S, 369  
 DeMers KA, 369  
 DePue JD, 325  
 DiCarlo LJ, 107  
 Duncan TE, 306  
 Elrick H, 380  
 Emerson J, 234  
 Evans R, 3  
 Franken RE, 163  
 Freedson PS, 40, 157, 171  
 Fuller PR, 255  
 Gansky SA, 243  
 Gleim GW, 349  
 Goldstein MG, 325  
 Gonzalez RR, 290  
 Grilo CM, 60  
 Gunter KB, 230  
 Harms CA, 33  
 Harrell JS, 243  
 Harris M, 33  
 Harvey-Berino J, 176  
 Heil D, 40  
 Hess SA, 369  
 Hinson BT, 107  
 Hofstetter CR, 234  
 Hovell MF, 234  
 Hurley B, 217  
 Johnson CC, 316  
 Johnson RK, 176  
 Keating K, 234  
 Ketner JB, 136  
 King AC, 335, 355  
 LaFave KL, 101  
 La Forge R, 17  
 Lamoureux CA, 176  
 LeBlanc PA, 363  
 MacIntosh BR, 163  
 Malina RM, 123  
 Maliszewski AF, 40  
 Marcus BH, 325  
 McMurray RG, 243  
 Melanson EL Jr, 157  
 Mellion MB, 136  
 Miller DJ, 171  
 Miller NH, 171  
 Mulvihill M, 234  
 Munnings F, 113, 183  
 Myers L, 316  
 Neff KL, 355  
 Nicholas JA, 349  
 Nichols JF, 101  
 Nicklas TA, 316  
 Oman RF, 306  
 Perri MG, 255  
 Pescatello LS, 77  
 Pinto BM, 325  
 Rippe JM, 1, 121, 189, 253, 369  
 Rosskopf LB, 107  
 Sallis JF, 234  
 Sartoris DJ, 101  
 Schuler PB, 363  
 Sheldahl LM, 273  
 Shoenhair CL, 200  
 Silverman LS, 325  
 Sinusas K, 48  
 Smith PM, 163  
 Snow TK, 107  
 Sockler JM, 33  
 Sparling PB, 107  
 Spindler AA, 101  
 Stachenfeld NS, 349  
 Stager JM, 33  
 Swain RA, 93  
 Tershakovec AM, 191  
 Tristani FE, 273  
 Vaananen SB, 163  
 Wang Y, 369  
 Ward A, 1, 121, 189, 253  
 Ward DS, 3  
 Webber LS, 316  
 Wells CL, 200  
 Westerfield RC, 363  
 Wilke NA, 273  
 Young DR, 335  
 Zakarian J, 234

## Subject Index

### Adolescence

- comparison of bone mineral density and hormone status of periadolescent gymnasts, swimmers, and controls (Nichols et al) 1995;4:101 (Original research)
- exposure to sports mass media and physical activity characteristics among ethnically diverse adolescents (Hofstetter et al) 1995;4:234 (Original research)

### Adrenergic beta receptor blockaders

- influence of beta blockade on exercise performance in thermoneutral and warm environments (Pescatello and Buckley) 1995;4:77 (State-of-the-art review)

### Aerobic fitness. *See* Physical fitness

### Aged

- strength training in the elderly to enhance health status (Hurley) 1995;4:217 (State-of-the-art review)

### Albumin

- effect of moderate physical activity on the production of antibody in response to bovine serum albumin in rats (Schuler et al) 1995;4:363 (Original research)

### Alcohol

- eating patterns, nutrient intakes, and alcohol consumption patterns of young adults: the Bogalusa Heart Study (Nicklas et al) 1995;4:316 (Original research)

### Anaerobic threshold

- hormonal responses to exercise at the anaerobic and respiratory compensation thresholds (Stachenfeld et al) 1995;4:349 (Original research)

### Animal studies

- effect of moderate physical activity on the production of antibody in response to bovine serum albumin in rats (Schuler et al) 1995;4:363 (Original research)

### Antibodies

- effect of moderate physical activity on the production of antibody in response to bovine serum albumin in rats (Schuler et al) 1995;4:363 (Original research)

### Anxiety

- effects of heart rate biofeedback on psychophysiologic responses in anxious 40–59-year-old women (Hess et al) 1995;4:369 (Original research)

### Athletics. *See* Sports

### Baseball. *See* Sports

### Beta-blockers. *See* Adrenergic beta receptor blockaders

### Body temperature

- biophysics of heat exchange and clothing: applications to sports physiology (Gonzalez) 1995;4:290 (State-of-the-art review)
- influence of beta blockade on exercise performance in thermoneutral and warm environments (Pescatello and Buckley) 1995;4:77 (State-of-the-art review)

### Bone density

- comparison of bone mineral density and hormone status of periadolescent gymnasts, swimmers, and controls (Nichols et al) 1995;4:101 (Original research)

### Book reviews

- Aerobic Fitness and Health*, by Shephard (Freedson) 1995;4:186

- The Carpal Tunnel Syndrome Book*, by Pinsky (Miner) 1995;4:119
- Endurance in Sport*, edited by Shephard and Åstrand (Hanson) 1995;4:54
- Exercise Psychology*, by Willis and Campbell (Levin) 1995;4:51
- Exercise Testing and Training in the Elderly Cardiac Patient*, by Williams (Einerson) 1995;4:120
- Life Span Motor Development (Second Edition)*, by Haywood (Whitall) 1995;4:117
- Modern Nutrition in Health and Disease, Eighth Edition*, edited by Shils et al (Kubena) 1995;4:55
- Nutrients as Ergogenic Aids for Sports and Exercise*, by Bucci (Clark) 1995;4:251
- Sport Marketing*, by Mullin et al (Galante) 1995;4:52
- Training for Sport and Activity, Third Edition: The Physiological Basis of the Conditioning Process*, by Wilmore and Costill (Carda) 1995;4:53
- YMCA Healthy Back Book*, by YMCA and Sammann (Sanford) 1995;4:187

#### Candy

- effects of preexercise candy bar ingestion on sedentary men during prolonged submaximal exercise (Maliszewski et al) 1995;4:40 (Original research)

#### Carbohydrates

- effects of preexercise candy bar ingestion on sedentary men during prolonged submaximal exercise (Maliszewski et al) 1995;4:40 (Original research)

#### Cardiac disease. See Coronary disease

#### Child

- biologic and environmental factors influencing the aerobic power of children (McMurray et al) 1995;4:243 (Original research)
- dietary management of hypercholesterolemia in children (Tershakovec) 1995;4:191 (State-of-the-art review)
- physical activity, aerobic fitness, and obesity in children (Ward and Evans) 1995;4:3 (State-of-the-art review)
- physical activity and fitness of children and youth: questions and implications (Malina) 1995;4:123 (State-of-the-art review)

#### Cholesterol

- dietary management of hypercholesterolemia in children (Tershakovec) 1995;4:191 (State-of-the-art review)

#### Clothing

- biophysics of heat exchange and clothing: applications to sports physiology (Gonzalez) 1995;4:290 (State-of-the-art review)

#### Coronary disease

- evaluation and training for resumption of occupational and leisure-time activities in patients after a major cardiac event (Sheldahl et al) 1995;4:273 (State-of-the-art review)
- women, physical activity, and coronary heart disease: a review (Shoenhair and Wells) 1995;4:200 (State-of-the-art review)

#### Correspondence

- letter (Erick) 1995;4:380

#### Cycling test. See Exercise test

#### Diet

- dietary management of hypercholesterolemia in children (Tershakovec) 1995;4:191 (State-of-the-art review)
- eating patterns, nutrient intakes, and alcohol consumption patterns of young adults: the Bogalusa Heart Study (Nicklas et al) 1995;4:316 (Original research)
- effect of magnesium supplementation on exercise time to exhaustion (Brilla and Gunter) 1995;4:230 (Original research)
- motivations for the use of dietary supplements in a college population (Harvey-Berino et al) 1995;4:176 (Original research)

#### Eating patterns. See Diet

#### Elderly. See Aged

#### Energy expenditure

- energy expenditure and heart rate responses to three modes of stationary cycling at self-selected exercise intensities (Melanson and Freedson) 1995;4:157 (Original research)

#### Exercise. See also Physical activity

- cardiovascular, metabolic, and perceptual responses to hatha yoga standing poses (DiCarlo et al) 1995;4:107 (Original research)
- does type of exercise prescription for sedentary adults affect desired outcomes? (Smith et al) 1995;4:163 (Original research)
- evaluation and training for resumption of occupational and leisure-time activities in patients after a major cardiac event (Sheldahl et al) 1995;4:273 (State-of-the-art review)
- exercise adherence: determinants of physical activity and applications of health behavior change theories (Young and King) 1995;4:335 (State-of-the-art review)
- exercise and the gastrointestinal tract (Swain) 1995;4:93 (State-of-the-art review)
- exercise-associated mood alterations: a review of interactive neurobiologic mechanisms (La Forge) 1995;4:17 (State-of-the-art review)
- exercise program adherence in older adults: the importance of achieving one's expected benefits (Neff and King) 1995;4:355 (Original research)
- hormonal responses to exercise at the anaerobic and respiratory compensation thresholds (Stachenfeld et al) 1995;4:349 (Original research)
- influence of beta blockade on exercise performance in thermoneutral and warm environments (Pescatello and Buckley) 1995;4:77 (State-of-the-art review)
- is exercise or increased activity necessary for weight loss and weight management? (Andersen) 1995;4:57 (Editorial)
- role of physical activity in weight loss and weight loss management (Grilo) 1995;4:60 (State-of-the-art review)
- women and exercise: an investigation of the roles of social support, self-efficacy, and hardiness (Oman and Duncan) 1995;4:306 (Original research)

#### Exercise test

- body fat mass affects postexercise metabolism in males of similar lean body mass (Harms et al) 1995;4:33 (Original research)

- effect of magnesium supplementation on exercise time to exhaustion (Brilla and Gunter) 1995;4:230 (Original research)
- effects of preexercise candy bar ingestion on sedentary men during prolonged submaximal exercise (Maliszewski et al) 1995;4:40 (Original research)
- energy expenditure and heart rate responses to three modes of stationary cycling at self-selected exercise intensities (Melanson and Freedson) 1995;4:157 (Original research)
- Fat**  
body fat mass affects postexercise metabolism in males of similar lean body mass (Harms et al) 1995;4:33 (Original research)
- Females.** *See* Women
- From the editors**  
from the editors (Ward and Rippe) 1995;4:1, 121, 189, 253
- Gastrointestinal tract**  
exercise and the gastrointestinal tract (Swain) 1995;4:93 (State-of-the-art review)
- Gender**  
how does gender stereotyping hurt female athletes? (Munnings) 1995;4:113 (Freelance article)
- Glucose**  
effects of preexercise candy bar ingestion on sedentary men during prolonged submaximal exercise (Maliszewski et al) 1995;4:40 (Original research)
- Gymnastics.** *See* Sports
- Hatha yoga.** *See* Yoga
- Heart rate**  
does type of exercise prescription for sedentary adults affect desired outcomes? (Smith et al) 1995;4:163 (Original research)  
effects of heart rate biofeedback on psychophysiologic responses in anxious 40–59-year-old women (Hess et al) 1995;4:369 (Original research)  
energy expenditure and heart rate responses to three modes of stationary cycling at self-selected exercise intensities (Melanson and Freedson) 1995;4:157 (Original research)
- Heat**  
biophysics of heat exchange and clothing: applications to sports physiology (Gonzalez) 1995;4:290 (State-of-the-art review)  
influence of beta blockade on exercise performance in thermoneutral and warm environments (Pescatello and Buckley) 1995;4:77 (State-of-the-art review)
- Hemodynamics**  
cardiovascular, metabolic, and perceptual responses to hatha yoga standing poses (DiCarlo et al) 1995;4:107 (Original research)
- Hormones**  
comparison of bone mineral density and hormone status of periadolescent gymnasts, swimmers, and controls (Nichols et al) 1995;4:101 (Original research)  
hormonal responses to exercise at the anaerobic and respiratory compensation thresholds (Stachenfeld et al) 1995;4:349 (Original research)
- Hypercholesterolemia**  
dietary management of hypercholesterolemia in children (Tershakovec) 1995;4:191 (State-of-the-art review)
- Hypertension**  
influence of beta blockade on exercise performance in thermoneutral and warm environments (Pescatello and Buckley) 1995;4:77 (State-of-the-art review)
- Infection**  
stress, personality, and infectious illness: an integrative approach (Adams and Boyce) 1995;4:146 (State-of-the-art review)
- Internship and residency**  
assessment of occupational physical activity levels of resident physicians and other hospital employees (Miller et al) 1995;4:171 (Original research)
- Letter**  
letter (Elrick) 1995;4:380
- Magnesium**  
effect of magnesium supplementation on exercise time to exhaustion (Brilla and Gunter) 1995;4:230 (Original research)
- Media**  
exposure to sports mass media and physical activity characteristics among ethnically diverse adolescents (Hofstetter et al) 1995;4:234 (Original research)
- Mood**  
effects of heart rate biofeedback on psychophysiologic responses in anxious 40–59-year-old women (Hess et al) 1995;4:369 (Original research)  
exercise-associated mood alterations: a review of interactive neurobiologic mechanisms (La Forge) 1995;4:17 (State-of-the-art review)
- Muscle**  
strength training in the elderly to enhance health status (Hurley) 1995;4:217 (State-of-the-art review)
- Nutrients.** *See* Diet
- Nutrition**  
physician-delivered physical activity and nutrition interventions (Marcus et al) 1995;4:325 (State-of-the-art review)
- Obesity**  
is exercise or increased activity necessary for weight loss and weight management? (Andersen) 1995;4:57 (Editorial)  
physical activity, aerobic fitness, and obesity in children (Ward and Evans) 1995;4:3 (State-of-the-art review)  
role of physical activity in weight loss and weight loss management (Grilo) 1995;4:60 (State-of-the-art review)  
success and failure in the treatment of obesity: where do we go from here? (Perri and Fuller) 1995;4:255 (State-of-the-art review)
- Occupational exercise**  
assessment of occupational physical activity levels of resi-

dent physicians and other hospital employees (Miller et al) 1995;4:171 (Original research)  
 evaluation and training for resumption of occupational and leisure-time activities in patients after a major cardiac event (Sheldahl et al) 1995;4:273 (State-of-the-art review)

#### **Overtraining syndrome**

overtraining syndrome: a review of presentation, pathophysiology, and treatment (Ketner and Mellion) 1995;4:136 (State-of-the-art review)

#### **Oxygen consumption**

body fat mass affects postexercise metabolism in males of similar lean body mass (Harms et al) 1995;4:33 (Original research)  
 cardiovascular, metabolic, and perceptual responses to hatha yoga standing poses (DiCarlo et al) 1995;4:107 (Original research)

#### **Pain**

playing in pain: it's not healthy (Munnings) 1995;4:183 (Freelance article)

#### **Patient education**

physician-delivered physical activity and nutrition interventions (Marcus et al) 1995;4:325 (State-of-the-art review)

#### **Periadolescence. See Adolescence**

#### **Personality**

stress, personality, and infectious illness: an integrative approach (Adams and Boyce) 1995;4:146 (State-of-the-art review)

#### **Physical activity. See also Exercise**

assessment of occupational physical activity levels of resident physicians and other hospital employees (Miller et al) 1995;4:171 (Original research)  
 effect of moderate physical activity on the production of antibody in response to bovine serum albumin in rats (Schuler et al) 1995;4:363 (Original research)  
 evaluation and training for resumption of occupational and leisure-time activities in patients after a major cardiac event (Sheldahl et al) 1995;4:273 (State-of-the-art review)  
 exercise adherence: determinants of physical activity and applications of health behavior change theories (Young and King) 1995;4:335 (State-of-the-art review)  
 exposure to sports mass media and physical activity characteristics among ethnically diverse adolescents (Hofstetter et al) 1995;4:234 (Original research)  
 is exercise or increased activity necessary for weight loss and weight management? (Andersen) 1995;4:57 (Editorial)  
 physical activity, aerobic fitness, and obesity in children (Ward and Evans) 1995;4:3 (State-of-the-art review)  
 physical activity and fitness of children and youth: questions and implications (Malina) 1995;4:123 (State-of-the-art review)  
 physician-delivered physical activity and nutrition interventions (Marcus et al) 1995;4:325 (State-of-the-art review)  
 role of physical activity in weight loss and weight loss management (Grilo) 1995;4:60 (State-of-the-art review)

women, physical activity, and coronary heart disease: a review (Shoenhair and Wells) 1995;4:200 (State-of-the-art review)

#### **Physical fitness**

biologic and environmental factors influencing the aerobic power of children (McMurray et al) 1995;4:243 (Original research)  
 physical activity, aerobic fitness, and obesity in children (Ward and Evans) 1995;4:3 (State-of-the-art review)  
 physical activity and fitness of children and youth: questions and implications (Malina) 1995;4:123 (State-of-the-art review)

#### **Questionnaires**

motivations for the use of dietary supplements in a college population (Harvey-Berino et al) 1995;4:176 (Original research)

#### **Residency. See Internship and residency**

#### **Respiratory compensation threshold**

hormonal responses to exercise at the anaerobic and respiratory compensation thresholds (Stachenfeld et al) 1995;4:349 (Original research)

#### **Smokeless tobacco. See Tobacco, smokeless**

#### **Social support**

women and exercise: an investigation of the roles of social support, self-efficacy, and hardiness (Oman and Duncan) 1995;4:306 (Original research)

#### **Sports**

biophysics of heat exchange and clothing: applications to sports physiology (Gonzalez) 1995;4:290 (State-of-the-art review)  
 comparison of bone mineral density and hormone status of periadolescent gymnasts, swimmers, and controls (Nichols et al) 1995;4:101 (Original research)  
 exposure to sports mass media and physical activity characteristics among ethnically diverse adolescents (Hofstetter et al) 1995;4:234 (Original research)  
 how does gender stereotyping hurt female athletes? (Munnings) 1995;4:113 (Freelance article)  
 overtraining syndrome: a review of presentation, pathophysiology, and treatment (Ketner and Mellion) 1995;4:136 (State-of-the-art review)  
 playing in pain: it's not healthy (Munnings) 1995;4:183 (Freelance article)  
 smokeless tobacco use and athletic performance in professional baseball players (Sinusas and Coroso) 1995;4:48 (Original research)

#### **Strength training**

strength training in the elderly to enhance health status (Hurley) 1995;4:217 (State-of-the-art review)

#### **Stress, psychological**

effects of heart rate biofeedback on psychophysiologic responses in anxious 40-59-year-old women (Hess et al) 1995;4:369 (Original research)  
 stress, personality, and infectious illness: an integrative approach (Adams and Boyce) 1995;4:146 (State-of-the-art review)

#### **Swimming. See Sports**

**Tobacco, smokeless**

smokeless tobacco use and athletic performance in professional baseball players (Sinusas and Coroso) 1995;4:48 (Original research)

**Vitamins**

motivations for the use of dietary supplements in a college population (Harvey-Berino et al) 1995;4:176 (Original research)

**Warm environment. See Heat****Weight loss**

is exercise or increased activity necessary for weight loss and weight management? (Andersen) 1995;4:57 (Editorial)

role of physical activity in weight loss and weight loss management (Grilo) 1995;4:60 (State-of-the-art review)

success and failure in the treatment of obesity: where do we go from here? (Perri and Fuller) 1995;4:255 (State-of-the-art review)

**Women**

effects of heart rate biofeedback on psychophysiologic responses in anxious 40-59-year-old women (Hess et al) 1995;4:369 (Original research)

how does gender stereotyping hurt female athletes? (Munnings) 1995;4:113 (Freelance article) | women, physical activity, and coronary heart disease: a review (Shoenhair and Wells) 1995;4:200 (State-of-the-art review)

women and exercise: an investigation of the roles of social support, self-efficacy, and hardiness (Oman and Duncan) 1995;4:306 (Original research)

**Workload**

assessment of occupational physical activity levels of resident physicians and other hospital employees (Miller et al) 1995;4:171 (Original research)

**Wounds and injuries**

playing in pain: it's not healthy (Munnings) 1995;4:183 (Freelance article)

**Yoga**

cardiovascular, metabolic, and perceptual responses to hatha yoga standing poses (DiCarlo et al) 1995;4:107 (Original research)